LM-DT100A

USER MANUAL

HDMI Over Ethernet

1、Introduction

2、Specifications

3、Package Contents

4、Panel Descriptions

5、 Connection and operation

6、 Application diagram

1、Introduction

HDMI Over Ethernet is based on TCP/IP standard. It transmit your HD display with the high resolutions up to 395 feet (120 meters) away from your HDMI or DVI-D source by using one CAT5e/6 cable. With the advantage of TCP/IP standard, you can extend your HD video to multiple displays by using an Ethernet Switch.

2 、Specifications

- Following TCP/IP standard.
- Support HDMI1.3 protocol.
- HDCP1.1 & 1.2 protocol compliant
- Support point-to-point mode, one point-to-many mode and cascade connection mode.

HDTV Resolutions	480p,576p,720p,1080p
Audio	Sample rate: 32kHz, 44.1kHz and 48kHz
HDMI	HDMI 1.3
HDCP	HDMI 1.2
Power adapter	Input: 100V - 240V (50 - 60Hz) Output: 5V/1A
Power consumption	HDMI Sender: 3W HDMI Receiver: 3W
Size(L-W-H)	100×60×25mm
Weight	128g*2PCS
Operating Temperature/Humidity	0℃ - 70℃ / 10% - 80%RH(no condensation)
Storage Temperature/Humidity	-10℃ - 80℃/ 5% -90% RH(no condensation)

3.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

1) Main unit No. 1 Sender , Main unit No. 2 Receiver
2) Two pieces of 5V DC Power Supply.
3) User’s Manual

4、 Panel Descriptions

HDMI Sender

5V/1A	Supply power for the Sender
RESET	Hold down the key for 10 seconds, the model will Restore the default setting
HDMI - IN	Connect HDMI Source to this Port.
STATUS	When system start up, the Green LED will be on，When transmit video, the led will blink.
Power	Power on, The Red led is on

HDMI Receiver

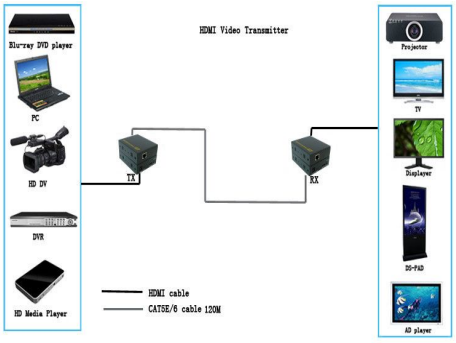
5V/1A	Supply power for the Receiver
RESET	Hold down the key for 10 seconds, the model will Restore the default setting
HDMI - Out	Connect HDMI sink device to this Port.
STATUS	When system start up, the Green LED will be on，When transmit video, the led will blink.
Power	Power on, The Red led is on

5、Connection and operation

1) Connect the HDMI source (such as DVD, PS3, STB) to the HDMI IN of Sender.
2) Connect the HDMI out of Receiver to HDTV display.
3) Use one Cat5e/6 cable up to 120m to connect the Sender and Receiver.
4) Plug two pieces of 5V power supply into the Sender and Receiver.
5) Power on the HDTV display and HDMI source.

6、Application diagram

Application 1



Application 2